

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: )  
**BRANCIFORTE ET AL.** )  
Serial No. **10/701,160** )      Examiner: **T. MAI**  
Filing Date: **NOVEMBER 4, 2003** )      Art Unit: **2193**  
Confirmation No. **5525** )      Attorney Docket No.  
For: **QUANTUM GATE FOR CARRYING OUT** )  
    **A GROVER'S QUANTUM ALGORITHM** )  
    **AND A RELATIVE METHOD OF** )  
    **PERFORMING THE INTERFERENCE** )  
    **OPERATION OF A GROVER'S** )  
    **QUANTUM ALGORITHM** )

## **AMENDMENT**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Responsive to the Official Action of July 16, 2007,  
please enter the amendments and remarks set out below.